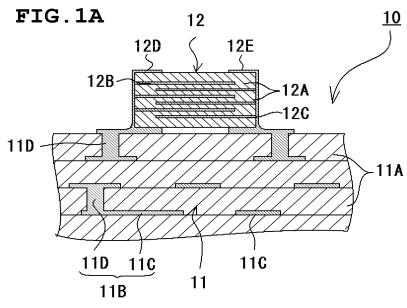
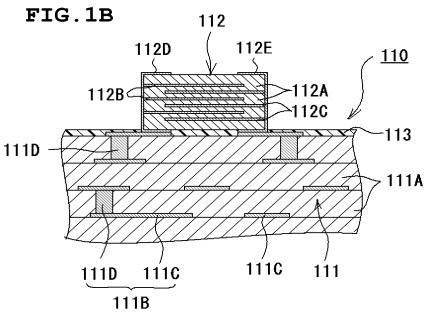
Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 1 of 11





Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 2 of 11

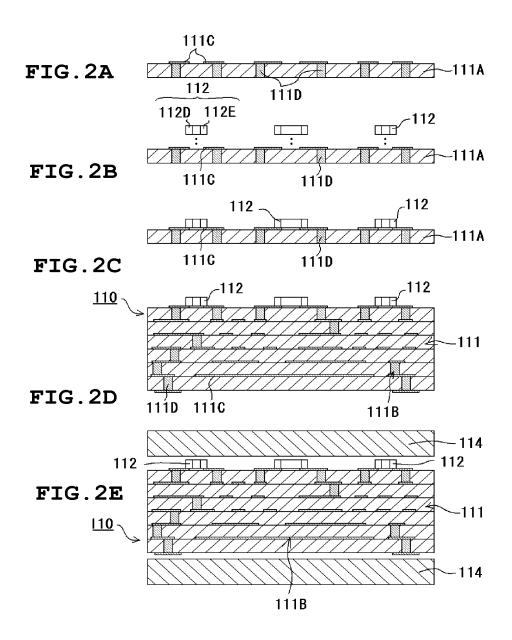
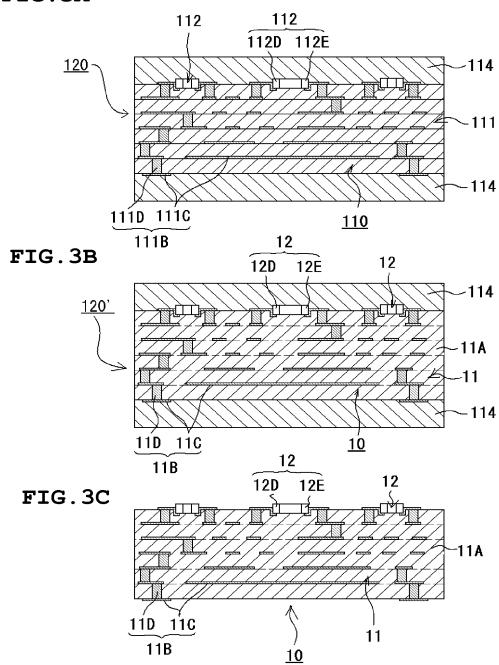
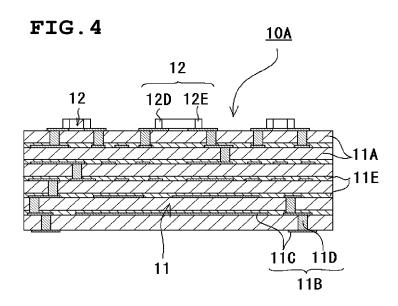
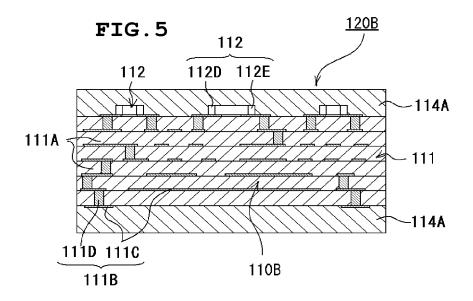


FIG.3A



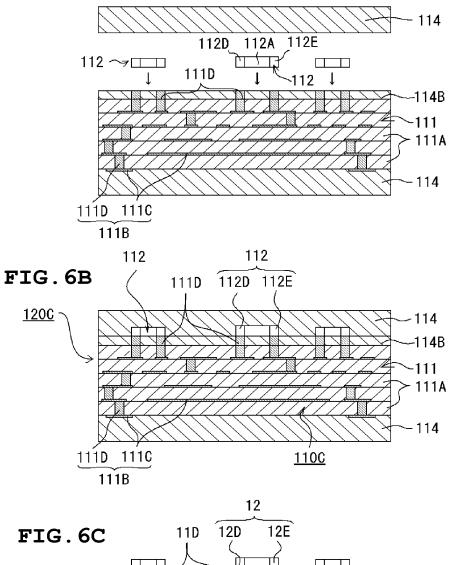
Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 4 of 11

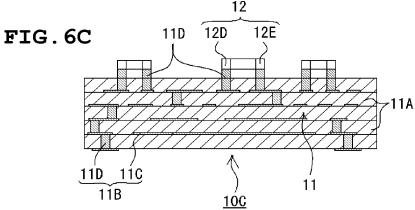




Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 5 of 11

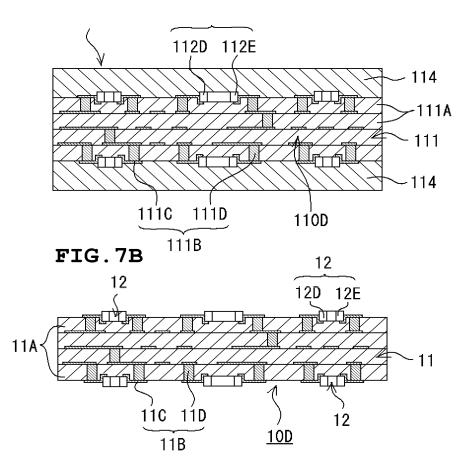
FIG. 6A





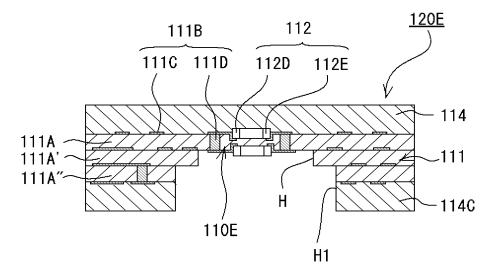
Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 6 of 11

FIG.7A



Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 7 of 11

FIG.8



Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 8 of 11

FIG.9A

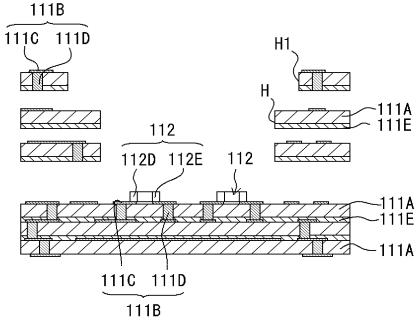
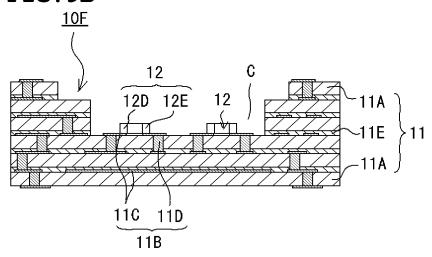


FIG.9B



Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 9 of 11

FIG. 10A

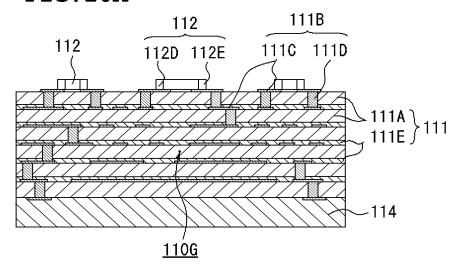
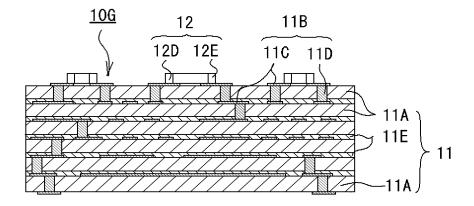


FIG.10B



Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 10 of 11

FIG.11A

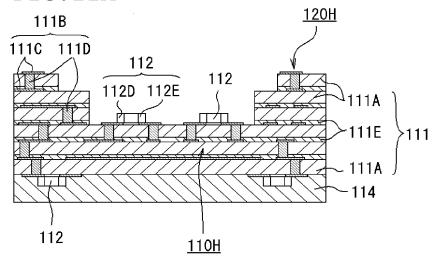
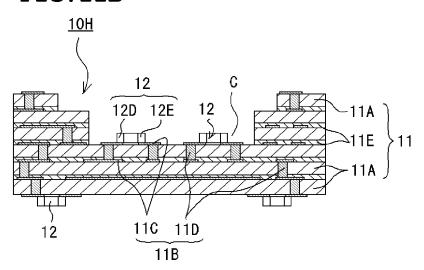


FIG.11B



Keating & Bennett, LLP 36856.1439 Takayuki TSUKIZAWA et al. CERAMIC SUBSTRATE AND... Page 11 of 11

FIG.12

